



Motor Catalog Detail

MotorMaster+ 4.0
from US DOE

For :

Page : 1

By :

05-01-2009

Manufacturer: Reliance
Model: P21G3360
Catalog: P21G3360
Size (Hp): 10
Speed(RPM): 1800
Full Load Speed(RPM): 1763

Efficiency (%)

Full Load: 91.7
75% Load: 92.4
50% Load: 92.3
25% Load: 89.1

Power Factor

Full Load: 82.7
75% Load: 77.9
50% Load: 67.9
25% Load: 45.5

Enclosure type: Totally Enclosed Fan-Cooled

Frame No.: L215T

Voltage Rating: 230/460 volts

Definite Purpose:

U-Frame: No Vertical Shaft: No C-Face: No D-Flange: No

Torque (ft-lbs)

Full Load: 29.8
Break Down: 87.0
Locked Rotor: 63.0

Amperage

Full Load: 12.3
Idle: 4.9
Locked Rotor: 81.0

Service Factor: 1.15

Weight (lbs): 0.0

Rotor bars: 45

Winding Resistance

(mOhm @25C): 1

Insulation Class: F

List Price (\$): \$1131

Warranty (yrs): 1.0 yr

Stator slots: 36

Stalled Rotor

Hot: 0.00
Cold: 0.00

Peak Voltage

@ 0 ms: 0
@ 5 ms: 0



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Page : 1

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Manufacturer: Reliance
Model: P18G3396
Catalog: P18G3396
Size (Hp): 5
Speed(RPM): 1800
Full Load Speed(RPM): 1752

Efficiency (%)

Full Load: 89.5
75% Load: 90.1
50% Load: 89.4
25% Load: 84.6

Power Factor

Full Load: 79.7
75% Load: 73.6
50% Load: 62.3
25% Load: 40.8

Enclosure type: Totally Enclosed Fan-Cooled

Frame No.: L184T

Voltage Rating: 230/460 volts

Definite Purpose:

U-Frame: No Vertical Shaft: No C-Face: No D-Flange: No

Torque (ft-lbs)

Full Load: 15.0
Break Down: 49.3
Locked Rotor: 35.9

Amperage

Full Load: 6.6
Idle: 3.0
Locked Rotor: 46.0

Service Factor: 1.15

Weight (lbs): 0.0

Rotor bars: 45

Winding Resistance

(mOhm @25C): 3

Insulation Class: F

List Price (\$): \$749

Warranty (yrs): 1.0 yr

Stator slots: 36

Stalled Rotor

Hot: 0.00
Cold: 0.00

Peak Voltage

@ 0 ms: 0
@ 5 ms: 0